

WHAT IS CLAIMED IS:

3.6 B1 >

1. A facsimile device including:

an image data memory for storing image data;

5 a plurality of memory boxes provided in the image data memory, each of the memory boxes being accompanied with a predetermined box number and storing first image data therein;

a detection device for detecting a transfer command arrived to the facsimile device, the transfer command specifying a memory

10 box in accordance with the box number and instructing transfer of the first image data stored in the specified memory box to a calling side;

a judgement device for judging whether or not the memory box specified by the transfer command using the box number detected

15 by the detection device is effective;

an image transfer device for transferring the first image data stored in the specified memory box to the calling side when the judgement device judges that the memory box specified by the transfer command is effective, and alternatively for transferring

20 second image data different from the first image data to the calling side when the judgement device judges that the memory box specified by the transfer command is ineffective.

3.6 C1 >

25 2. The facsimile device according to claim 1, wherein the judgement device judges whether or not the memory box corresponding to the box number specified by the transfer command exists and judges that designation of the memory box specified

by the transfer command is effective when the memory box corresponding to the box number specified by the transfer command exists and that the designation of the memory box specified by the transfer command is ineffective when the memory box  
 5 corresponding to the box number specified by the transfer command does not exist.

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 3. The facsimile device according to claim ~~3~~<sup>2</sup> wherein when the judgement device judges that the memory box corresponding to  
 10 the box number specified by the transfer command does not exist, the image transfer device transfers the second image data to the calling side.

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 4. The facsimile device according to claim 2, wherein the  
 15 memory box includes a plurality of confidential boxes and bulletin board boxes.

5. The facsimile device according to claim 4, wherein each  
 20 of the confidential boxes is accompanied with the box number and an identification number, and each of the bulletin board boxes is accompanied with only the box number.

5.3 B2 >  
 6. The facsimile device according to claim 5, wherein the  
 25 transfer command includes information of the box number and the identification number corresponding to the confidential box and a telephone number of the calling side, and information of the box number corresponding to the bulletin board box and a telephone

number of the calling side.

5.6 C17  
 5 7. The facsimile device according to claim 6, wherein the judgement device judges whether or not the identification number assigned to the confidential box coincides with the identification number included in the transfer command when the box number specified by the transfer command coincides with the box number of the confidential box.

10 8. The facsimile device according to claim 7, wherein the image transfer device transfers the second image data to the calling side when the judgement device judges that the identification number assigned to the confidential box does not coincide with the identification number included in the transfer  
 15 command.

9. The facsimile device according to claim 6, wherein an effective number of digits of the box number for the confidential box is set to three, an effective number of the identification number for the confidential box is set to four, and an effective number of the box number for the bulletin board box is set to two.

20 10. The facsimile device according to claim 9, wherein the judgement device sets a numeral "0" to a second digit of the box number when the number of digits of the box number of the memory box detected by the detection device is single-digit and, then,  
 25 judges whether or not the memory box specified by the transfer

command using the box number is effective.

11. The facsimile device according to claim 1, wherein when the judgement device judges that the memory box accompanied with the box number specified by the transfer command stores no image data, the image transfer device transfers the second image data to the calling side.

12. The facsimile device according to claim 5, wherein the second image data is image data indicating an operation manual.

13. The facsimile device according to claim 12, wherein image data of the operation manual includes at least a method of specifying the box number and the identification number.

14. The facsimile device according to claim 13, wherein the image data of the operation manual includes at least information registered in each of the memory boxes.

15. The facsimile device according to claim 2, wherein the second image data is stored in a memory box specified by advance from among the memory boxes,

the image transfer device transfers the second image data stored in the specified memory box to the calling side when the judgement device judges that the designation of memory box specified by the transfer command is ineffective.

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16. The facsimile device according to claim 15, wherein the image transfer device transfers the second image data stored in the specified memory box to the calling side when the judgement device judges that the memory box corresponding to the box number  
5 specified by the transfer command does not exist.

17. The facsimile device according to claim 16, wherein the memory box includes a plurality of confidential boxes and bulletin board boxes.  
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18. The facsimile device according to claim 17, wherein each of the confidential boxes is accompanied with the box number and an identification number, and each of the bulletin board boxes is accompanied with only the box number.  
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19. The facsimile device according to claim 18, wherein the transfer command includes information of the box number and the identification number corresponding to the confidential box and a telephone number of the calling side, and information of the  
20 box number corresponding to the bulletin board box and a telephone number of the calling side.

20. The facsimile device according to claim 19, wherein the judgement device judges whether or not the identification number  
25 assigned to the confidential box coincides with the identification number included in the transfer command when the box number specified by the transfer command coincides with the

box number of the confidential box.

5.6 B5 > 21. The facsimile device according to claim 20, wherein the image transfer device transfers the second image data stored in the specified memory box to the calling side when the judgement device judges that the identification number assigned to the confidential box does not coincide with the identification number included in the transfer command.

5.6 C1 > 10 22. The facsimile device according to claim 15, wherein when the judgement device judges that the memory box accompanied with the box number specified by the transfer command stores no image data, the image transfer device transfers the second image data stored in the specified memory box to the calling side.

15 5.6 B6 > 23. The facsimile device according to claim 18, wherein the second image data includes at least a method of specifying the box number and the identification number.

5.6 C1 > 20 24. The facsimile device according to claim 23, wherein second image data includes at least information registered in each of the memory boxes.

5.6 B7 > 25 25. The facsimile device according to claim 17, wherein the specified memory box is set to one of the bulletin board boxes.

5.6 C1 > 26. The facsimile device according to claim 2 further

including:

a message data memory for storing in advance a plurality of message data;

5 a transfer data setting device for choosing a first message data from the message data memory, the first message data indicating that designation of the memory box number is ineffective, when the judgement device judges that the designation of the memory box specified by the transfer command is ineffective, and for setting transfer data in accordance with  
10 the chosen first message data.

27. The facsimile device according to claim 26, wherein the image transfer device transfers to the calling side the transfer data corresponding to the first message data set by the transfer  
15 data setting device.

28. The facsimile device according to claim 27, wherein when the judgement device judges that the memory box corresponding to the box number specified by the transfer command  
20 does not exist, the transfer data setting device chooses a second message data from the message data memory, the second message data indicating that the memory box corresponding to the specified box number does not exist, and sets the transfer data in accordance with the chosen second message data;

25 the image transfer device transfers the transfer data corresponding to the second message data set by the transfer data setting device to the calling side.

29. The facsimile device according to claim 28, wherein the memory box includes a plurality of confidential boxes and bulletin board boxes.

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30. The facsimile device according to claim 29, wherein each of the confidential boxes is accompanied with the box number and an identification number, and each of the bulletin board boxes is accompanied with only the box number.

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5.5 B8 > 31. The facsimile device according to claim 30, wherein the transfer command includes information of the box number and the identification number corresponding to the confidential box and a telephone number of the calling side, and information of the box number corresponding to the bulletin board box and a telephone number of the calling side.

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5.6 C1 > 32. The facsimile device according to claim 31, wherein the judgement device judges whether or not the identification number assigned to the confidential box coincides with the identification number included in the transfer command when the box number specified by the transfer command coincides with the box number of the confidential box.

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25 33. The facsimile device according to claim 32, wherein when the judgement device judges that the identification number assigned to the confidential box does not coincide with the

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identification number included in the transfer command, the image transfer data setting device chooses a third message data from the message data memory, the third message indicating that the identification number assigned to the confidential box does not coincide with the identification number included in the transfer command, and sets the transfer data in accordance with the chosen third message data; and

the image transfer device transfers the transfer data corresponding to the third message data set by the transfer data setting device to the calling side.

34. The facsimile device according to claim 26, wherein when the judgement device judges that the memory box accompanied with the box number specified by the transfer command stores no image data, the transfer data setting device chooses a fourth message data from the message data memory, the fourth message data indicating that the memory box of the box number specified by the transfer command stores no image data, and sets the transfer data in accordance with the chosen fourth message data; and

the image transfer device transfers the transfer data corresponding to the fourth message data set by the transfer data setting device to the calling side.

35. The facsimile device according to claim 26, wherein the first message data includes at least explanation of a specifying method of the box number.

36. The facsimile device according to claim 33, wherein the third message data includes at least explanation of a specifying method of the identification number.

37. The facsimile device according to claim 34, wherein the fourth message data includes at least explanation of information registered in each of the memory boxes.

38. A facsimile device including:  
a first memory for storing image information and specific information for specifying the image information;

a second memory for storing contents information for indicating memory contents stored in the first memory;

a judgement device for judging whether or not a transmission requesting signal indicating a request of transmitting the image information is a signal indicating that the transmission request is to be executed in accordance with a predetermined facsimile communication procedure when the transmission requesting signal is transmitted from a calling side;

a first transmission device for reading the image information corresponding to the transmission requesting signal from the first memory and transmitting the read image information to the calling side when the judgement device judges that the transmission requesting signal is the signal indicating that the transmission request is to be executed in accordance with the predetermined facsimile transmission procedure; and

a second transmission device for reading the contents information from the second memory and transmitting the read contents information to the calling side when the judgement device judges that the transmission requesting signal is not the signal indicating that the transmission request is to be executed in accordance with the predetermined facsimile transmission procedure.

39. The facsimile device according to claim 38, wherein the second memory stores information corresponding to the contents information and judgment results by the judgement device; and

the second transmission device reads the contents information and the judgement results from the second memory and transmits the information corresponding to the read contents information and judgement results to the calling side when the judgement device judges that the transmission requesting signal is not the signal indicating that the transmission request is to be executed in accordance with the predetermined facsimile transmission procedure.

40. The facsimile device according to claim 39, wherein the judgment device makes judgement based on whether or not the transmission requesting signal is a signal to perform F-code bulletin board communication.

41. A memory medium storing computer programs for

controlling a facsimile device provided with a first memory storing image information and specific information for specifying the image information and a second memory storing contents information of memory contents stored in the first memory, the memory medium storing computer programs including a transmission control program of:

judging whether or not a transmission requesting signal indicating a request of transmitting the image information is a signal indicating that the transmission request is to be executed in accordance with a predetermined facsimile procedure when the transmission requesting signal is transmitted from a calling side;

reading the image information corresponding to the transmission requesting signal from the first memory when the transmission requesting signal is judged to be the signal indicating the transmission request is to be executed in accordance with the predetermined facsimile communication procedure, and transmitting the read image information to the calling side; and

reading the contents information from the second memory when the transmission transmission requesting signal is judged not to be the signal indicating the transmission request is to be executed in accordance with the predetermined facsimile communication procedure, and transmitting the read contents information to the calling side.

42. A facsimile device including:

a first memory for storing image information and specific information for specifying the image information;

a second memory for storing contents information for indicating memory contents stored in the first memory;

5 a judgement device for judging whether or not a transmission requesting signal indicating a request of transmitting the image information is a signal indicating that the transmission request is to be executed in accordance with a predetermined facsimile communication procedure when the transmission requesting signal is transmitted from a calling side;

10 a first transmission device for reading the image information corresponding to the transmission requesting signal from the first memory and transmitting the read image information to the calling side when the judgement device judges that the transmission requesting signal is the signal indicating that the transmission request is to be executed in accordance with the predetermined facsimile transmission procedure; and

15 a second transmission device for transmitting the information corresponding to judgement results by the judgement device to the calling side when the judgement device judges that the transmission requesting signal is not the signal indicating that the transmission request is to be executed in accordance with the predetermined facsimile transmission procedure.

20 43. The facsimile device according to claim 42, wherein the second transmission device transmits the image information corresponding to the judgement result to the calling side when

the judgement device judges that the transmission requesting signal is not the signal indicating that the transmission request is to be executed in accordance with the predetermined facsimile transmission procedure.

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44. The facsimile device according to claim 42, wherein the second transmission device transmits voice information corresponding to the judgement result to the calling side when the judgement device judges that the transmission requesting signal is not the signal indicating that the transmission request is to be executed in accordance with the predetermined facsimile transmission procedure.

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45. The facsimile device according to claim 42, wherein the judgment device makes judgement based on whether or not the transmission requesting signal is a signal to perform F-code bulletin board communication

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46. A memory medium storing computer programs for controlling a facsimile device provided with a first memory storing image information and corresponding specified information for specifying the image information and a second memory storing contents information on memory contents stored in the first memory, the memory medium storing computer programs including a transmission control program of:

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judging whether or not a transmission requesting signal indicating a request of transmitting the image information is a

signal indicating that the transmission request is to be executed in accordance with a predetermined facsimile procedure when the transmission requesting signal is transmitted from a calling side;

5        reading the image information corresponding to the  
transmission requesting signal from the first memory when the  
transmission requesting signal is judged to be the signal  
indicating the transmission request is to be executed in  
accordance with the predetermined facsimile communication  
10        procedure, and transmitting the read image information to the  
calling side; and

transmitting the information corresponding to the judgement  
result by the judgement device to the calling side when the  
transmission requesting signal is judged not to be the signal  
15        indicating the transmission request is to be executed in  
accordance with the predetermined facsimile communication  
procedure.